

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1.-10. (Canceled)

11. (New) A transmission power control apparatus comprising:

a transmission power control signal extracting section configured to extract a transmission power control signal from a reception signal;

a transmission power control signal storage section adapted to sequentially store a predetermined number of transmission power control signals extracted by transmission power control extraction section;

a first transmission power control determination section configured to check a sequential number of said transmission power control signals stored in said transmission power control section to determine whether an instruction to increase/decrease transmission power is repeatedly generated, wherein if said instruction to increase/decrease transmission power is not repeatedly generated, said first transmission power control determination section outputs a power change instruction with a transmission power increase/decrease value;

a transmission power changing section configured to change transmission power in accordance with the power change instruction;

a Doppler effect measuring section configured to compare a slot period of a reception signal with a reference slot period to measure a slot period deviation of a reception wave due to the Doppler effect; and

a second transmission power control determination means section configured to determine, if said instruction to increase/decrease transmission power is repeatedly generated, whether a deviation of a frequency of a reception wave due to the Doppler effect is not more than a predetermined value, and permit said transmission power changing section to change transmission power if the deviation is not more than the predetermined value.

12. (New) An apparatus according to claim 11, wherein said power control signal extraction section, power control signal storage section, first transmission power control determination section, and transmission power changing section are arranged in a CDMA (Code Division Multiple Access) mobile terminal.

13. (New) An apparatus according to claim 11, wherein said power control signal extraction section, power control signal storage section, first transmission power control determination section, transmission power changing section, Doppler effect measuring section, and second transmission power control determination section are arranged in a CDMA (Code Division Multiple Access) mobile terminal.

14. (New) An apparatus according to claim 13, wherein said Doppler effect is produced by movement of the terminal.

15. (New) An apparatus according to claim 11, wherein said first determination means determines whether a predetermined frequency component of frequency components obtained by Fourier-transforming a plurality of transmission power control signals stored in said storage means is not more than a predetermined value.

16. (New) A transmission power control method comprising the steps of:
extracting a transmission power control signal from a reception signal;
sequentially storing a predetermined number of transmission power control signals extracted by transmission power control extraction section;
checking a sequential number of stored transmission power control signals to determine whether an instruction to increase/decrease transmission power is repeatedly generated;
if said instruction to increase/decrease transmission power is not repeatedly generated, outputting a power change instruction with a transmission power increase/decrease value;
comparing a slot period of a reception signal with a reference slot period to measure a slot period deviation of a reception wave due to the Doppler effect;

if said instruction to increase/decrease transmission power is repeatedly generated, determining whether a deviation of a frequency of a reception wave due to the Doppler effect is not more than a predetermined value; and

if said deviation of a frequency of a reception wave due to the Doppler effect is not more than a predetermined value and said instruction to increase/decrease transmission power is not repeatedly generated, changing transmission power in accordance with the power change instruction.

17. (New) A method according to claim 16, wherein said checking includes determining whether a predetermined frequency component of frequency components obtained by Fourier-transforming a plurality of stored transmission power control signals is not more than a predetermined value.

18. (New) A method according to claim 16, wherein said extracting, sequentially storing, checking, outputting, and changing are performed by a CDMA (Code Division Multiple Access) mobile terminal.

19. (New) A method according to claim 16, wherein said extracting, sequentially storing, checking, outputting, comparing, determining and changing are performed by a CDMA (Code Division Multiple Access) mobile terminal.

20. (New) A method according to claim 19, wherein said Doppler effect is produced by movement of the terminal.